

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fuel cell separator comprising:

a separator substrate made of metal which has at least one open portion that passes through the separator substrate through which a fluid can pass provided in a predetermined position; and

a film coating member that coats ~~a predetermined area including at least a peripheral edge portion and an inner circumference portion~~ of the open portion of the separator substrate, wherein the film coating member adheres to at least a portion of the separator substrate and wherein the film coating member is adhered by at least one treatment selected from the group consisting of heat welding, high-frequency welding, ultrasonic welding, and adhesion by an adhesive.
2. (Previously Presented) The fuel cell separator according to claim 1, wherein the separator substrate is provided with a front surface and a back surface, a pair of the film coating members are provided on the front and back surfaces, and the pair of the film coating members adheres to a portion of the separator corresponding to at least a peripheral edge portion of the open portion.
3. (Canceled)
4. (Previously Presented) The fuel cell separator according to claim 1, wherein the film coating member is made from at least one material selected from the group consisting of resin material and elastomer material.
5. (Previously Presented) The fuel cell separator according to claim 1, wherein the separator substrate is made from one or more materials selected from the group consisting of SUS310, SUS304, SUS316, and titanium.

6. (Previously Presented) The fuel cell separator according to claim 1, wherein the separator substrate is surface treated with at least one metal selected from the group consisting of gold and chrome.

7. (Currently Amended) A manufacturing method of the fuel cell separator according to claim 1, comprising:

adhering the film coating member to a portion of the separator substrate by at least one treatment selected from the group consisting of heat welding, high-frequency welding, ultrasonic welding, and adhesion by an ~~adhesive~~adhesive so as to coat at least the peripheral edge portion and the inner circumference portion of the open portion of the separator substrate.

8. (Currently Amended) A manufacturing method of a fuel cell separator, comprising:

adhering a film coating member to at least a portion of a separator substrate by a thermo-compression process, in which a press temperature is 150 to 250°C, a press pressure is 20 to 200kgf/cm², and a press time is 0.2 to 20 minutes,

wherein the separator substrate is made of metal and has at least one open portion that passes through the separator substrate through which a fluid can pass provided in a predetermined position, and wherein the film coating member coats ~~a predetermined area~~including at least a peripheral edge portion and an inner circumference portion of the open portion of the separator substrate.

9. (Previously Presented) A fuel cell comprising:

a plurality of the fuel cell separators according to claim 1.

10. (Previously Presented) A vehicle comprising:

the fuel cell according to claim 9.

11. (Previously Presented) The fuel cell separator according to claim 1, wherein the film coating member adheres to a portion of the separator corresponding to at least a peripheral edge portion of the open portion.

12. (Previously Presented) The fuel cell separator according to claim 11, wherein the film coating member adheres to the peripheral edge portion of the open portion.

13. (Previously Presented) The fuel cell separator according to claim 2, wherein the pair of the film coating members adheres to at least the peripheral edge portion of the open portion.

14. (Previously Presented) The manufacturing method according to claim 7, wherein the film coating member is adhered to a portion of the separator substrate corresponding to at least a peripheral edge portion of the open portion.

15. (Previously Presented) The manufacturing method according to claim 14, wherein the film coating member is adhered to the peripheral edge portion of the open portion.